

FIG. 1

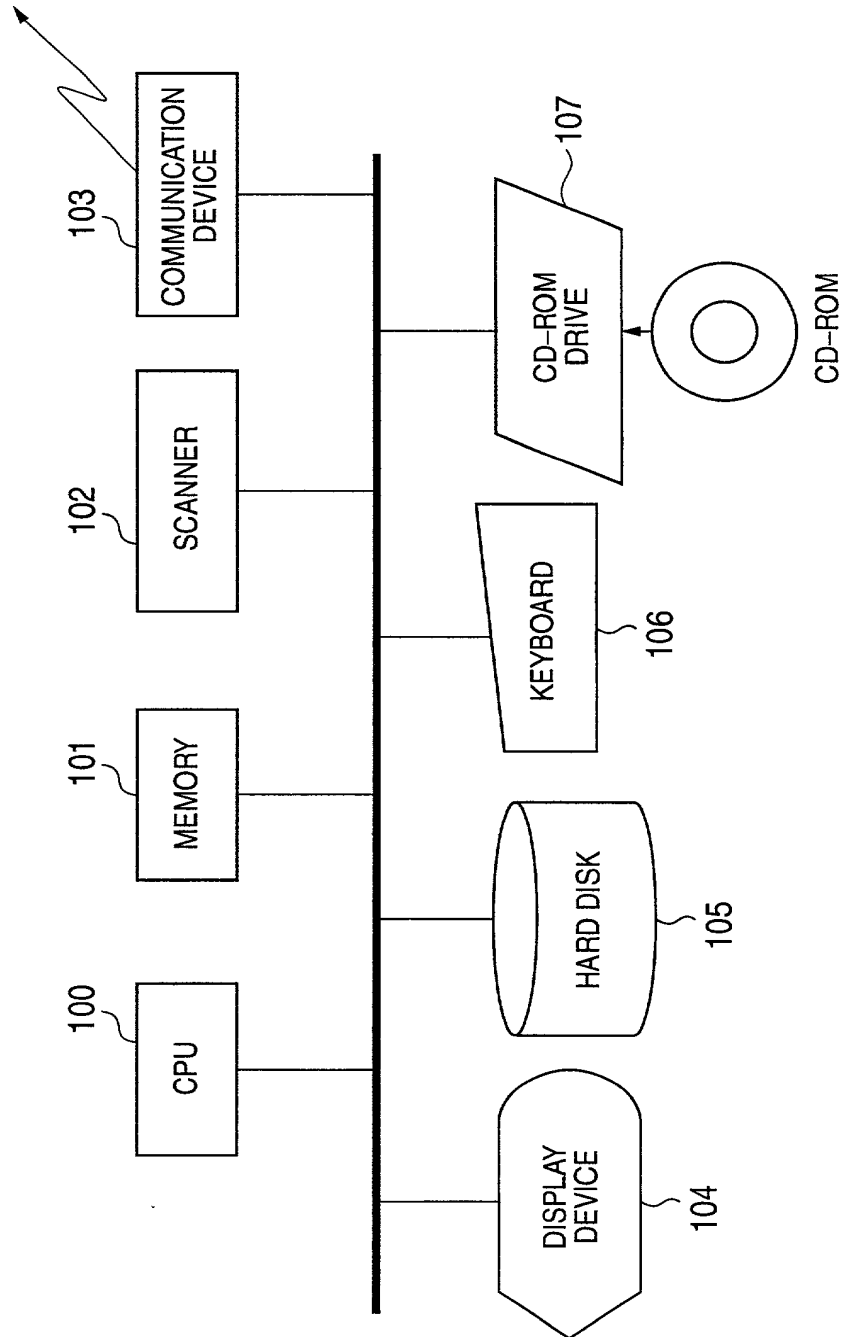


FIG. 2

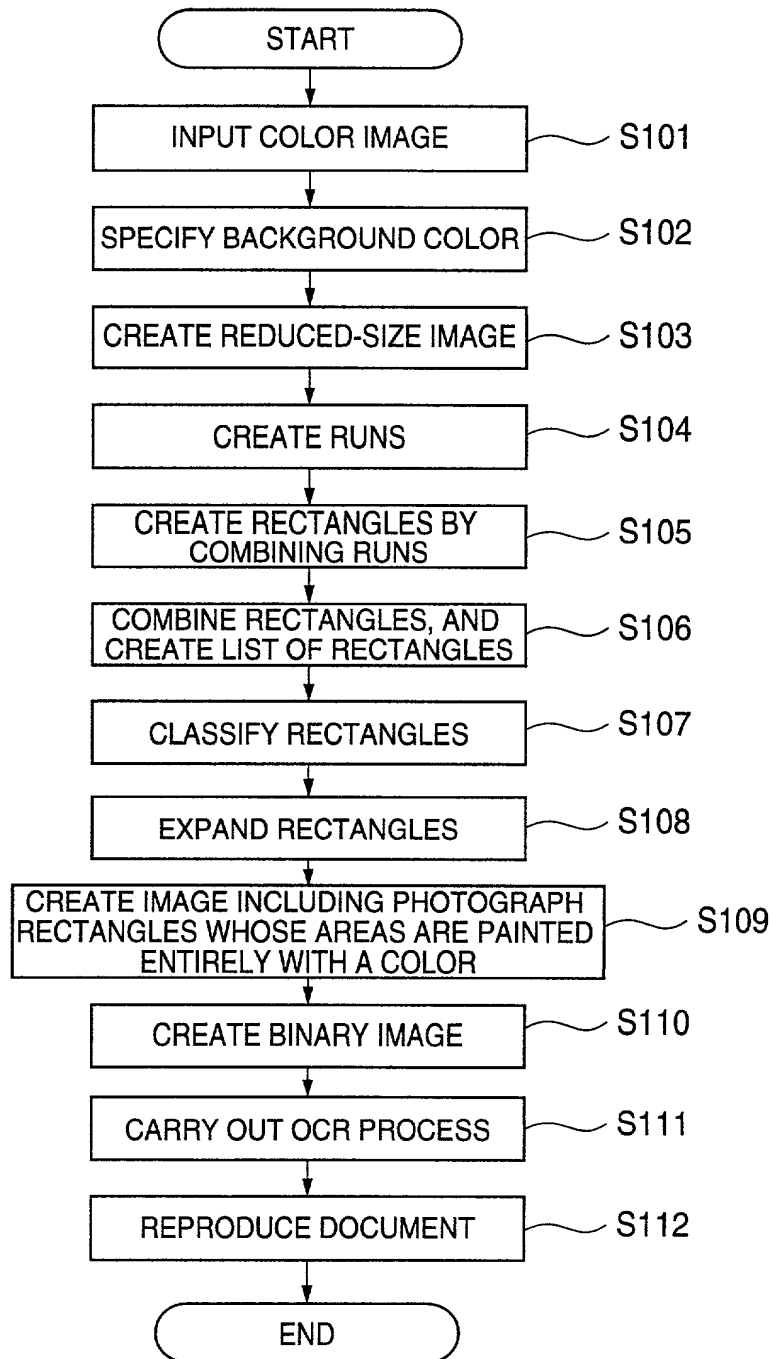


FIG. 3

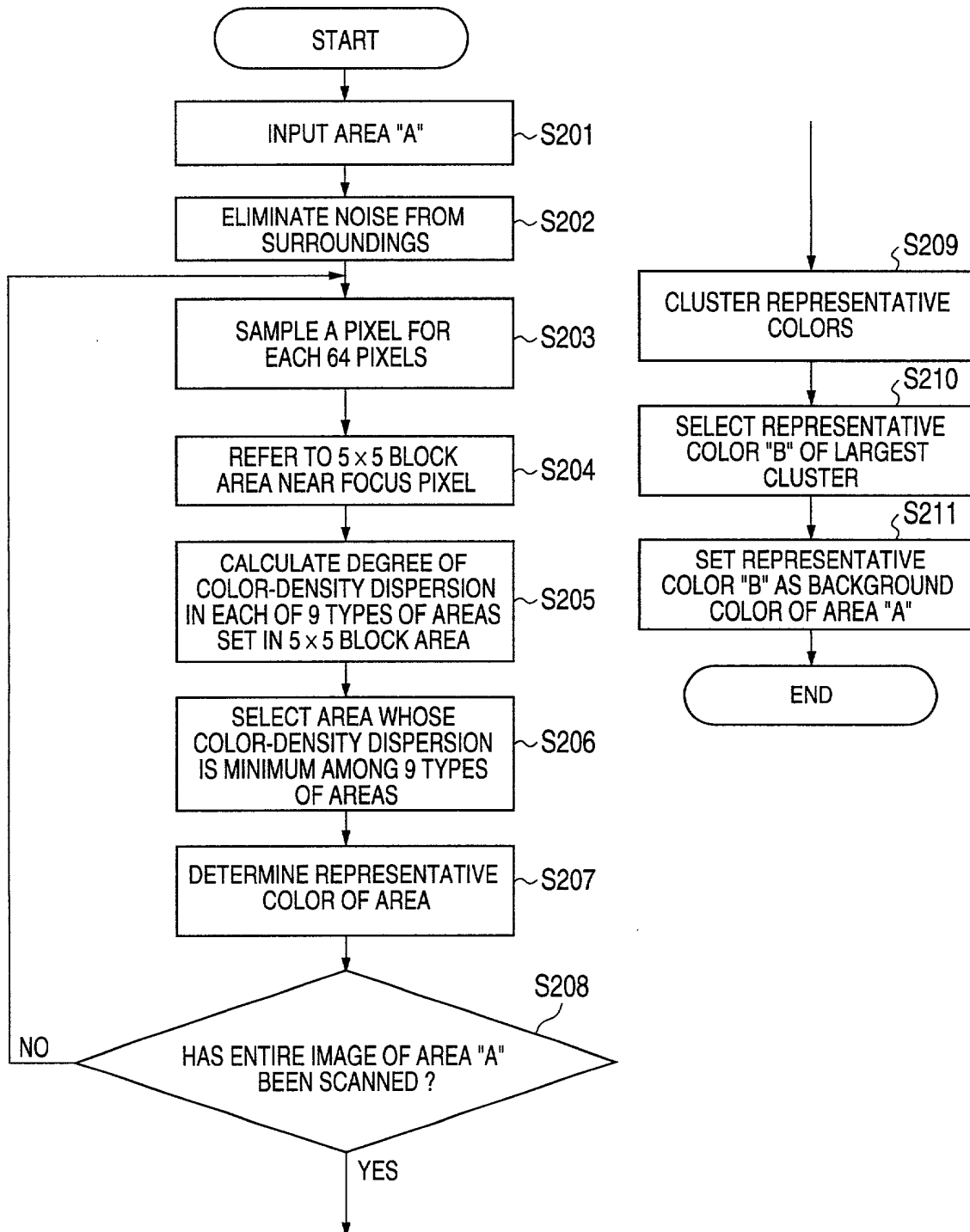


FIG. 4

area0	area1	area2	area3	area4	area5	area6	area7	area8
00..	..11	.....	.....	.444.	.....	.....	.....	.....
000..	..111	.....	.....	.444.	55...	...66	.....	.888.
.0P..	..P1.	.2P..	..P3.	..P..	55P..	..P66	..P..	.8P8.
.....	.....	222..	..333	.....	55...	...66	.777.	.888.
.....	.....	22...	...33	.....	.....	.....	.777.	.....

P : CENTER OF 5×5 BLOCK AREA
. : POINT OUTSIDE EACH AREA (area n (n=0...8))
n : POINT INSIDE EACH AREA (n=0...8)

FIG. 5

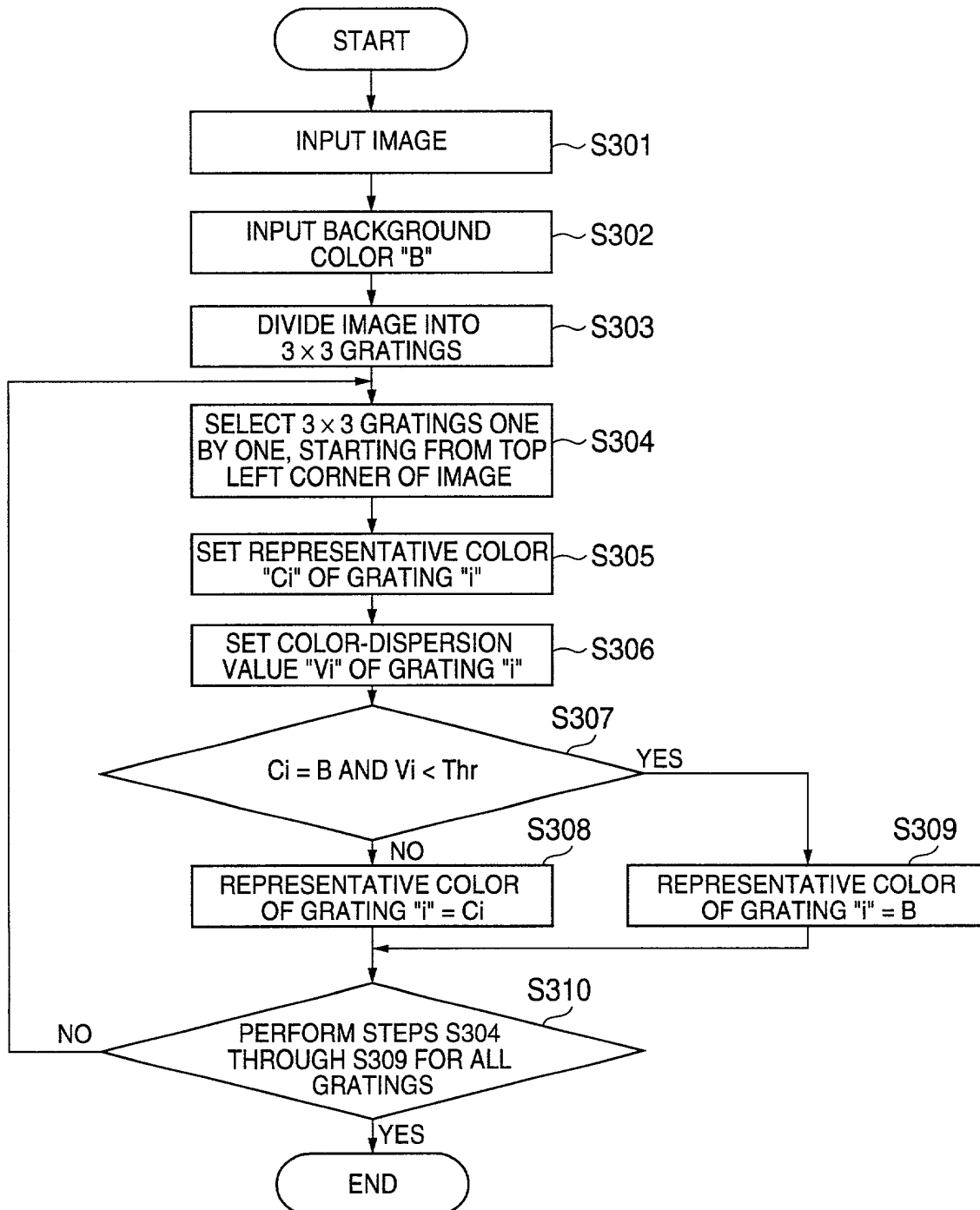


FIG. 6A

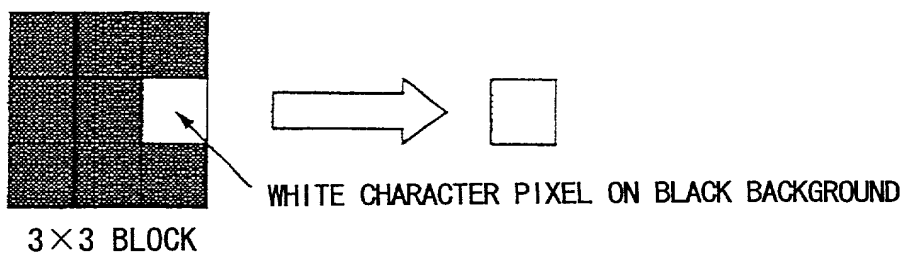


FIG. 6B

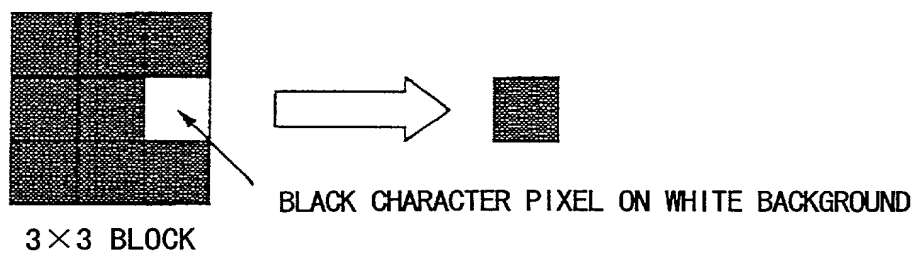


FIG. 7

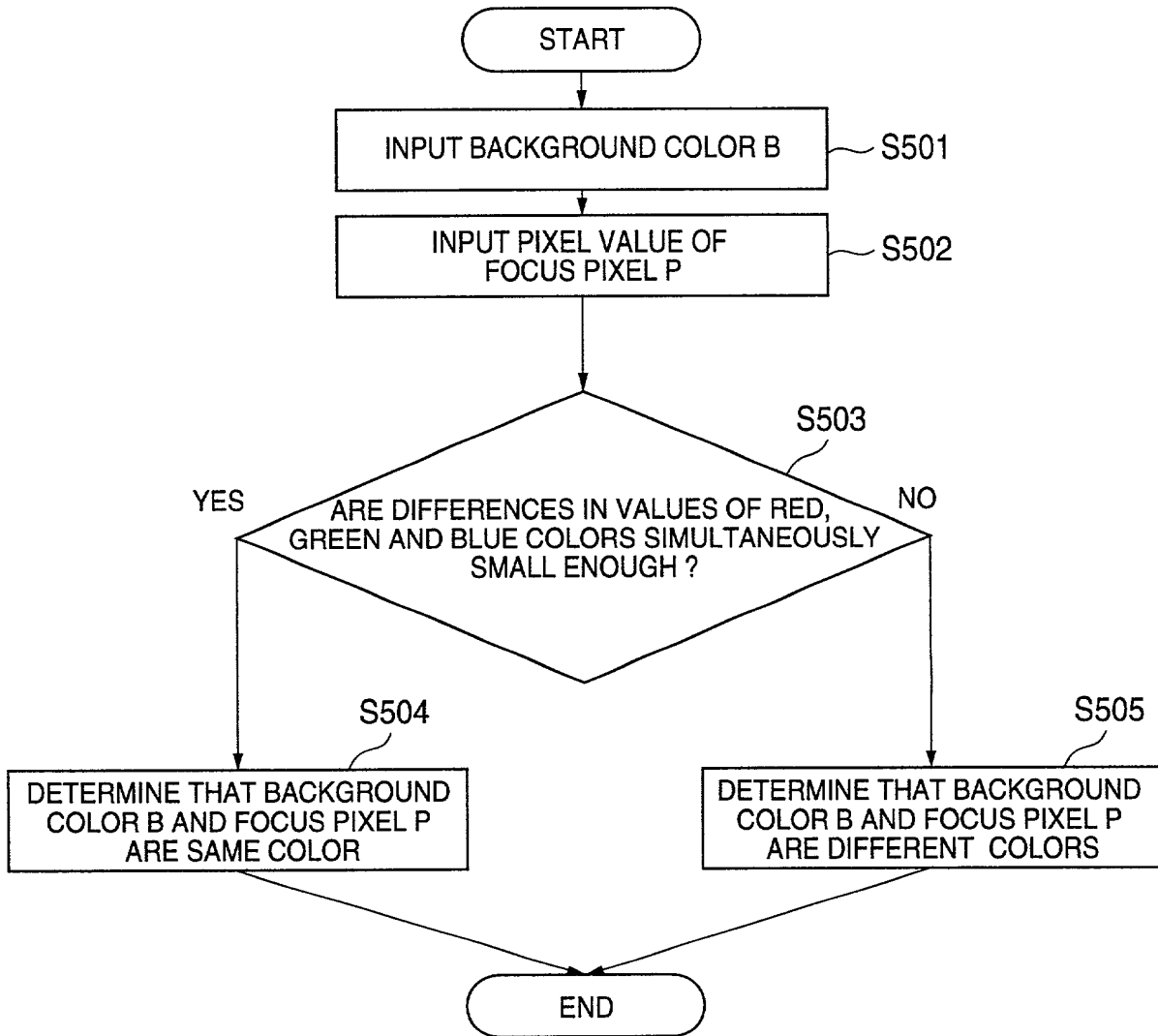


FIG. 8

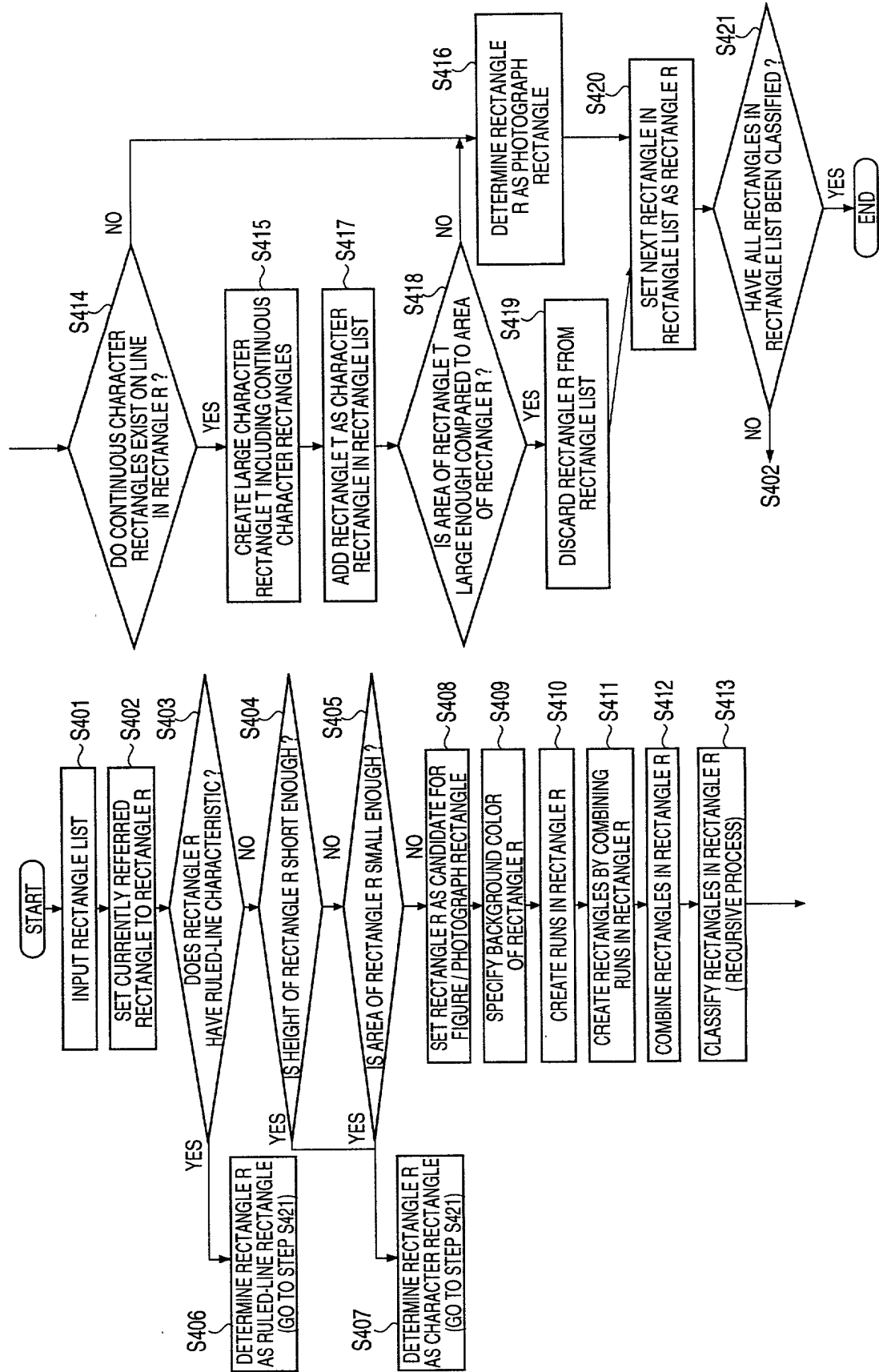


FIG. 9

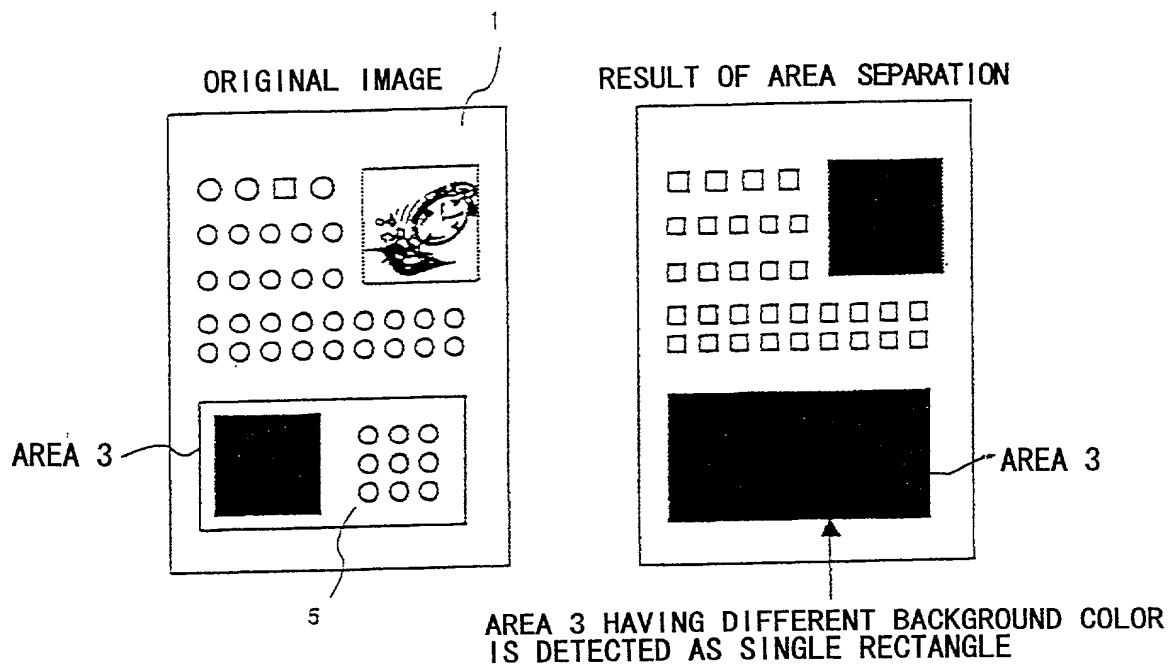


FIG. 10

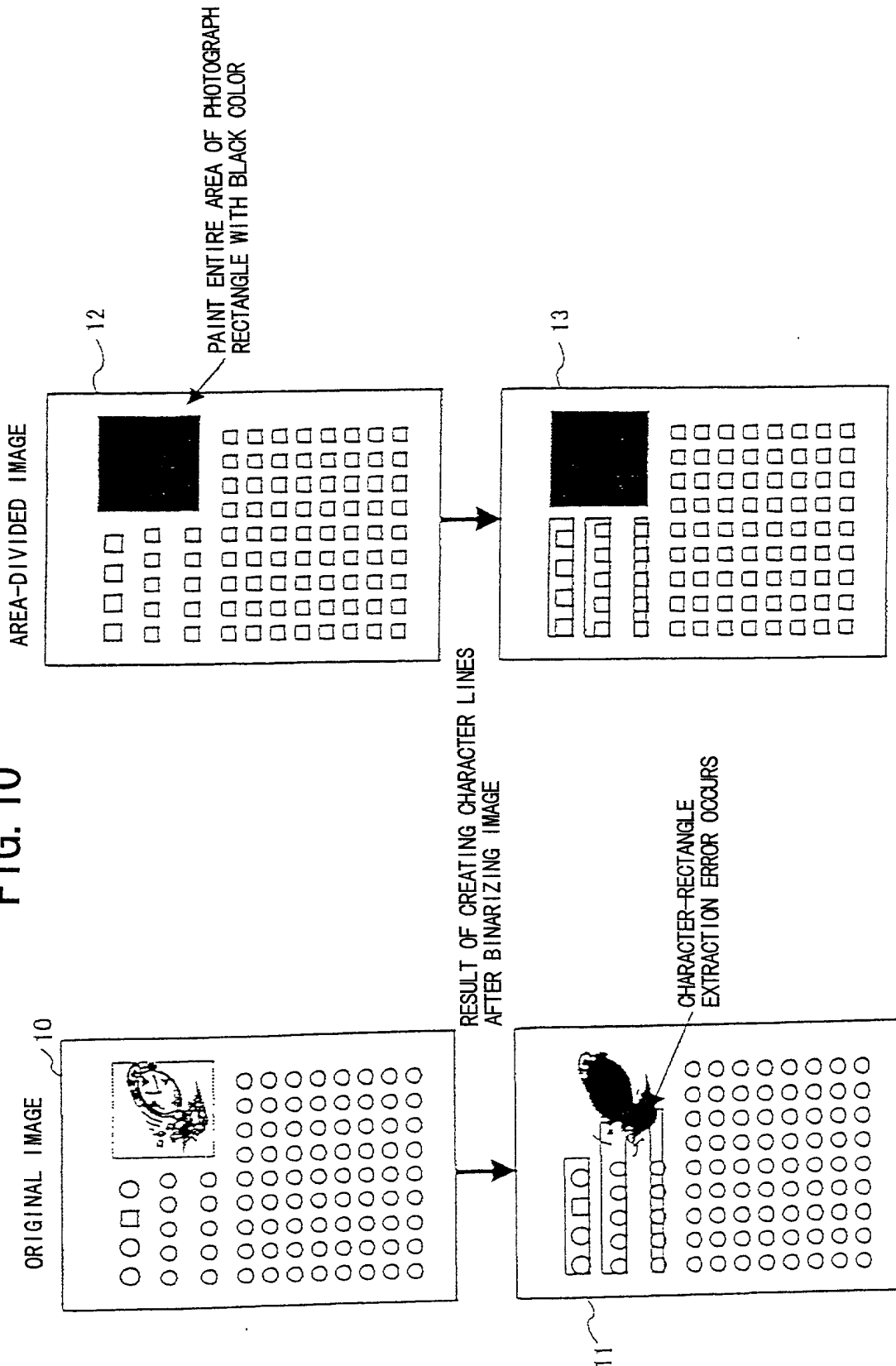
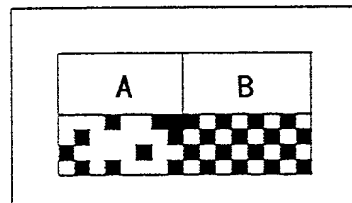
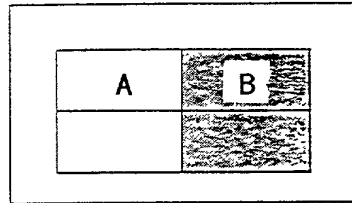


FIG. 11

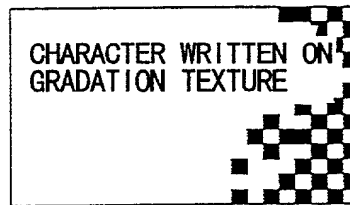
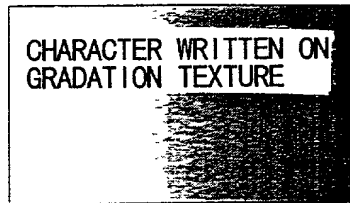
ORIGINAL IMAGE
(EACH CELL IS SEPARATED BY COLOR)



RESULT OF BINARIZING ORIGINAL IMAGE
BY ANALYZING EACH AREA

FIG. 12

ORIGINAL IMAGE
(GRADATION TEXTURE)



RESULT OF BINARIZING ORIGINAL IMAGE
BY ANALYZING EACH AREA

FIG. 13

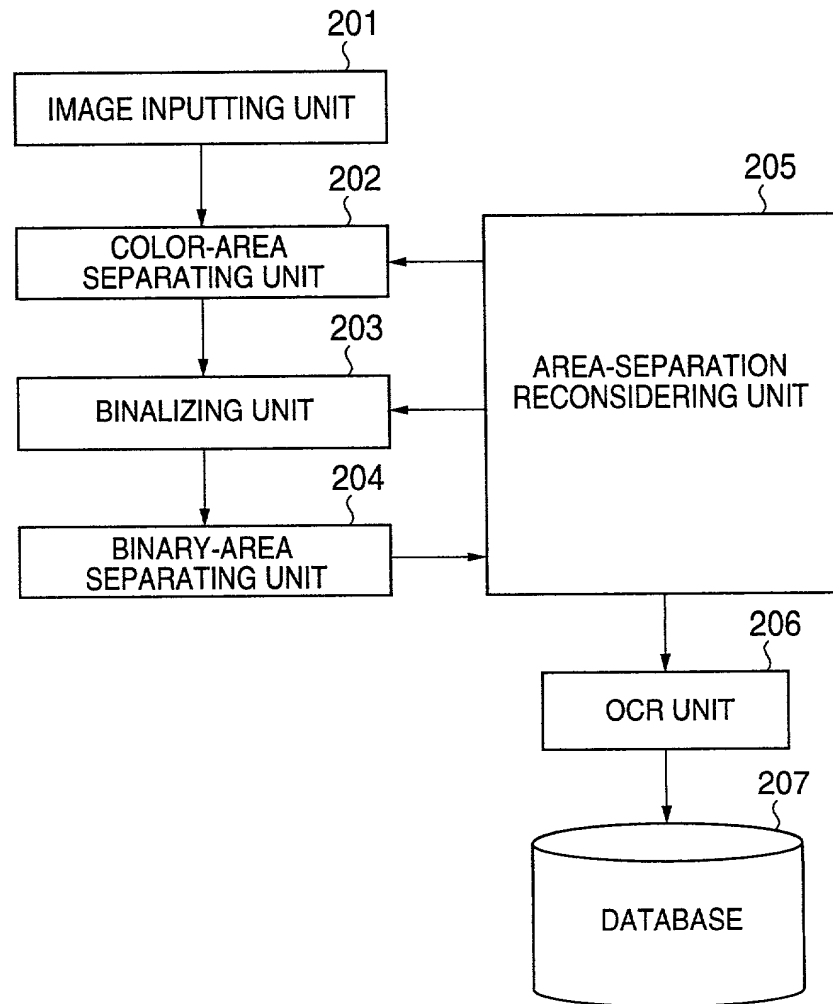


FIG. 14

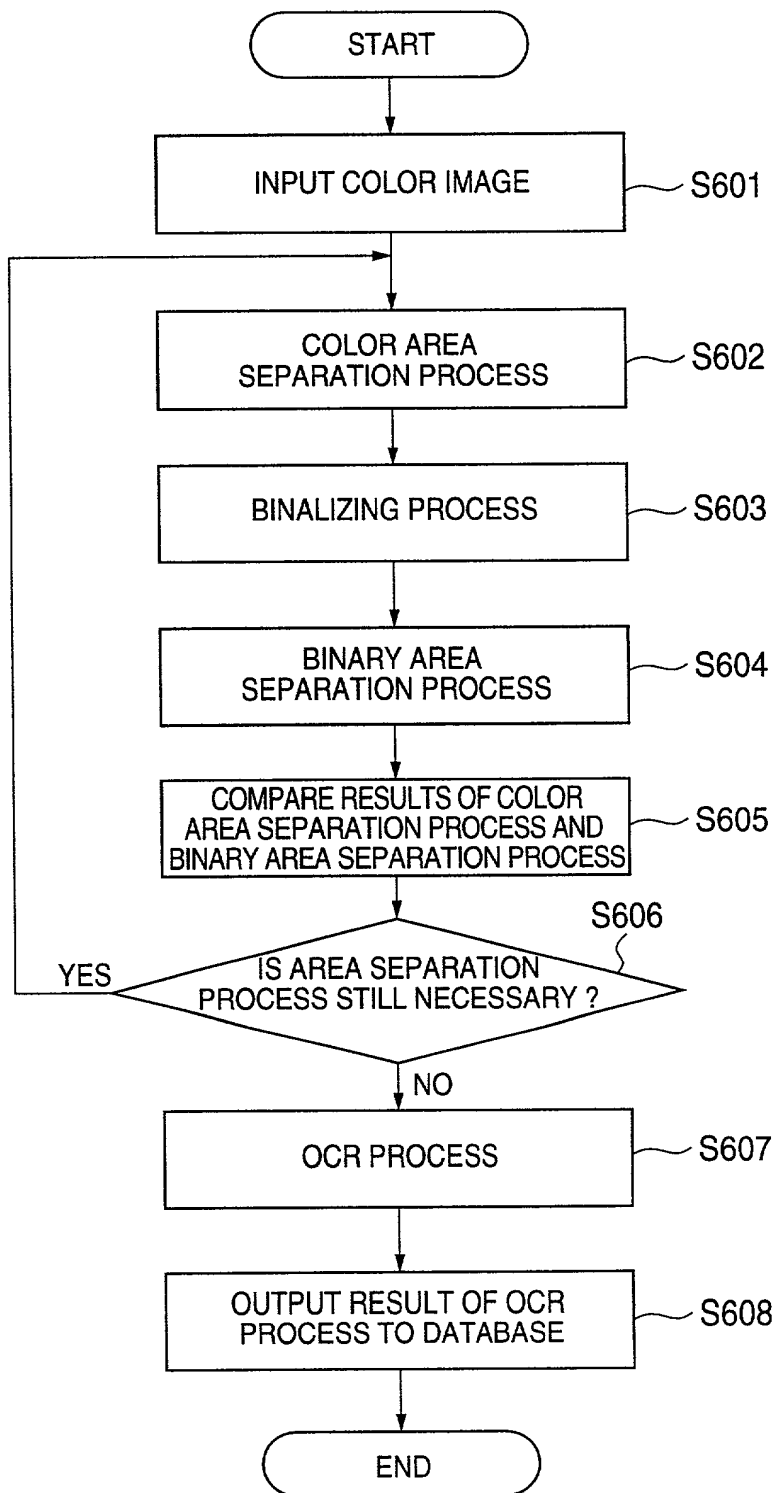


FIG. 15

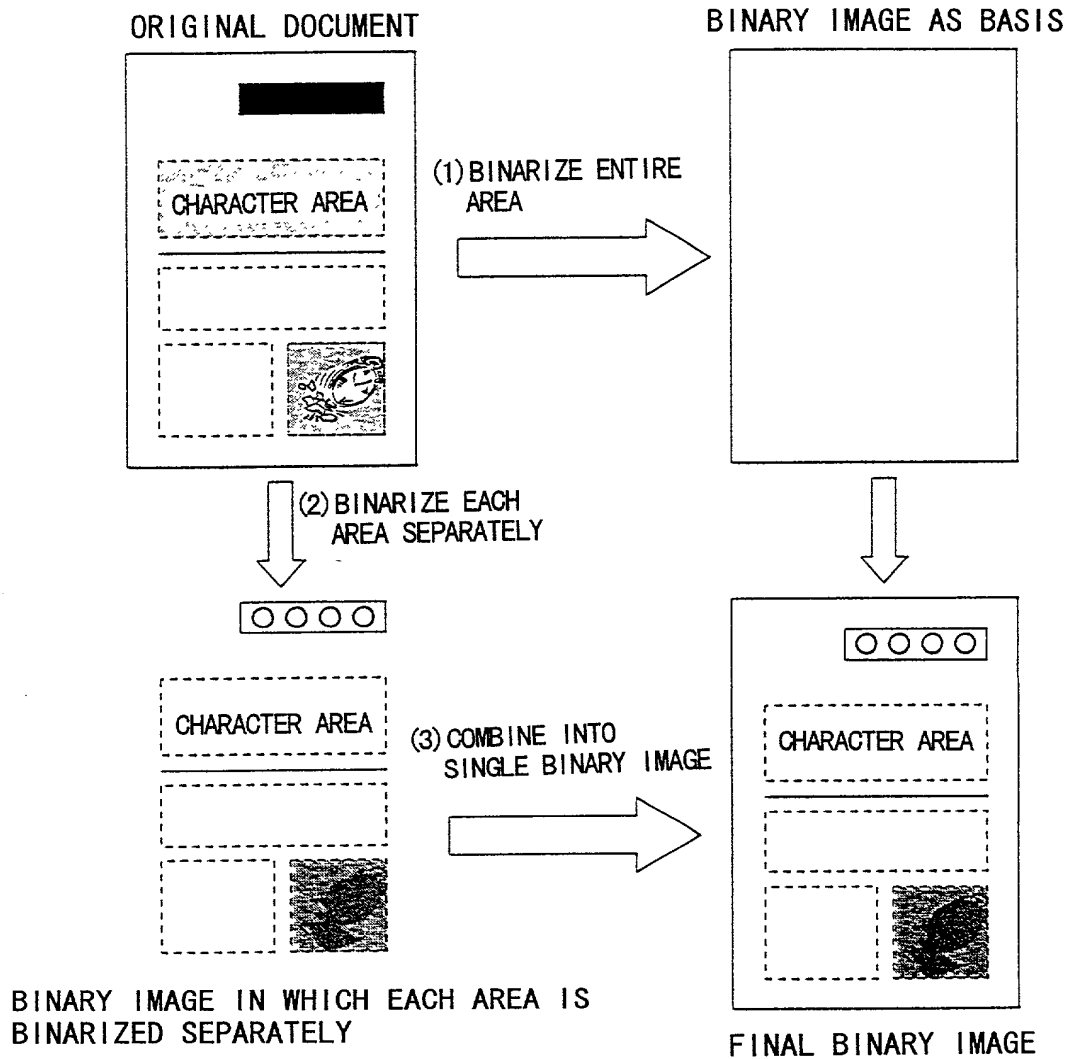
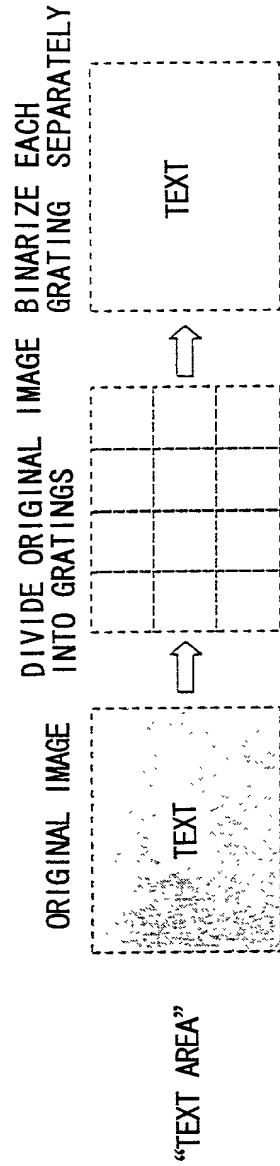


FIG. 16



WIDTH OF AREA	WIDTH OF GRATING
512	32
1024	64
2048 OVER	128

FIG. 18

ORIGINAL IMAGE

COURSE

RESULT OF COLOR AREA SEPARATION PROCESS

COULD

RESULT OF BINARY AREA SEPARATION PROCESS

COURSE

FIG. 19

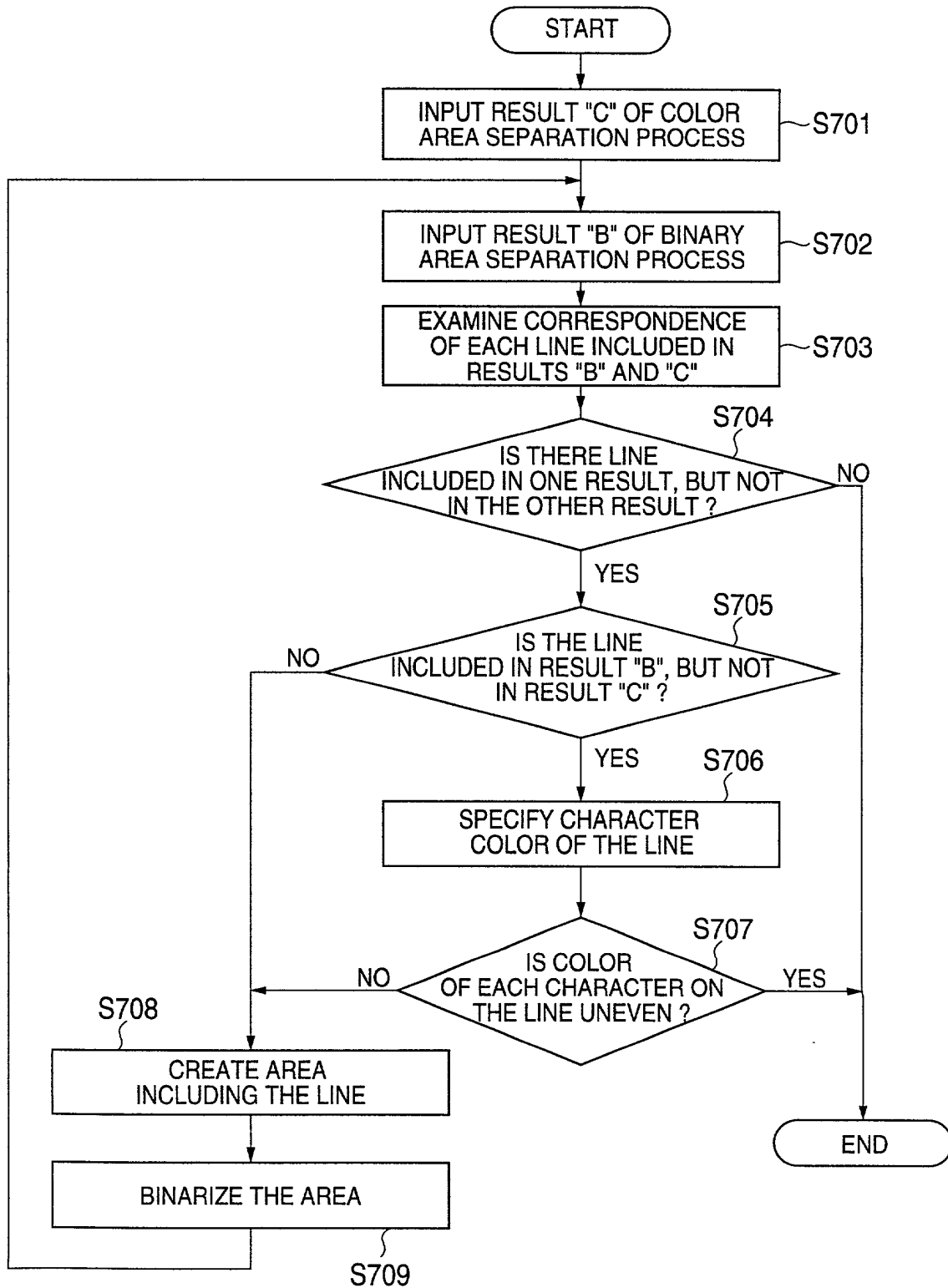
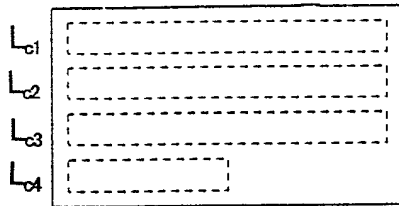


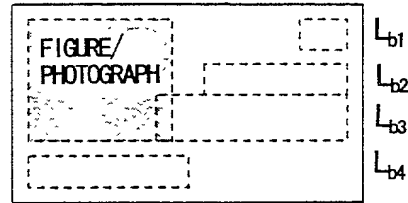
FIG. 20A

FIG. 20B

RESULT OF COLOR AREA SEPARATION PROCESS



RESULT OF BINARY AREA SEPARATION PROCESS



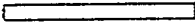
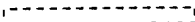
AREA RECTANGLE 
TEXT RECTANGLE 

FIG. 21

